PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION	See Form PCT/IPEA/416		
29010-75970				
International application No.	International filing date (day/month/year)	Priority date (day/month/year)		
PCT/US04/32401	01 October 2004 (01.10.2004)	03 October 2003 (03.10.2003)		
International Patent Classification (IPC)				
IPC(7): C07D 205/085, 201/08; A61K 3 Applicant	1/397, 31/4178, 31/422, 31/4025 and US Cl.: 5	40/364, 363		
SERENIX PHARMACEUTICALS LLC				
1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.				
2. This REPORT consists of	a total of sheets, including this cover	sheet.		
This report is also accomp	anied by ANNEXES, comprising:			
a. (sent to the applica	nt and to the International Bureau) a total o	of <u>&</u> sheets, as follows:		
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule				
70.16 and Se	ction 607 of the Administrative Instructions).		
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.				
	national Bureau only) a total of (indicate ty			
	ining a sequence listing and/or tables relat			
indicated in the Administrative In	Supplemental Box Relating to Sequen-	ce Listing (see Section 802 of the		
	ations relating to the following items:			
Box No. I Ba	asis of the report			
Box No. II Pr	iority			
	on-establishment of opinion with regard to novelty, inventive step and industrial plicability			
	ck of unity of invention			
	easoned statement under Article 35(2) with regard to novelty, inventive step or dustrial applicability; citations and explanations supporting such statement			
Box No. VI Ce	ertain documents cited			
Box No. VII Ce	ertain defects in the international application			
Box No. VIII Ce	ertain observations on the international application			
Date of submission of the demand	Date of completion	Date of completion of this report		
02 August 2005 (02.08.2005)	22 December 2005	22 December 2005 (22.12.2005)		
Name and mailing address of the IPEA/	US Authorized officer	Authorized officer		
Mail Stop PCT, Attn: IPEA/US Commissioner for Patents	Mark L. Berch	7. Roberts for		
P.O. Box 1450 Alexandria, Virginia 22313-1450	Telephone No. (57	ν .		

Form PCT/IPEA/409 (cover sheet)(April 2005)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Internationa	1	app	lica	tion	No.

PCT/US04/32401

With regard to the language, this report is based on:	Box No. I Basis of the report
a translation of the international application into English, which is the language of a translation furnished for the purposes of: international search (under Rules 12.3 and 23.1(b))	1. With regard to the language, this report is based on:
the purposes of: international search (under Rules 12.3 and 23.1(b)) publication of the international application (under Rule 12.4(a)) international preliminary examination (under Rules 55.2(a) and/or 55.3(a)) 2. With regard to the elements of the international application, this report is based on <i>(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report): the international application as originally filed/furnished pages 1.74 pages 1.74 pages NONE pages NONE pages MONE pages which received by this Authority on pages* NONE pages NONE pa</i>	the international application in the language in which it was filed.
publication of the international application (under Rute 12.4(a)) international preliminary examination (under Rutes 55.2(a) and/or 55.3(a)) 2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report: the international application as originally filed/furnished the description: pages 1-74 as originally filed/furnished pages* NONE received by this Authority on the claims: pages NONE as originally filed/furnished pages* NONE as a samended (together with any statement) under Article 19 pages* 73-82 received by this Authority on 22 August 2005 (02.08.2005) pages* NONE as originally filed/furnished pages* NONE as originally filed/furnished pages* NONE received by this Authority on 22 August 2005 (02.08.2005) pages* NONE as originally filed/furnished pages* NONE received by this Authority on pages* NONE received by this Authority on as sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing. The amendments have resulted in the cancellation of: the description, pages the claims, Nos the drawings, sheets/figs. the sequence listing (specify): any table(s) related to the sequence listing (specify):	
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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/US04/32401

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1. Statement				
Novelty (N)	Claims 1-28 YES			
	Claims NONE NO			
Inventive Step (IS)	Claims 26 YES Claims 1-25, 27 and 28 NO			
Industrial Applicability (IA)	Claims 1-28 YES Claims NONE NO			

2. Citations and Explanations (Rule 70.7)

Claims 1, 2, 10, 18-23, 25, 27-28 lack an inventive step under PCT Article 33(3) as being obvious over WO 97/30707. See Formula I on pages 3-4. Note example 161, corresponding to R4 = styryl, n=0, R1= H, A=OH, A' = t-butyloxy, (or vice versa), R3 = choice 1 with R10 as phenyl. Note also Example 162, corresponding to R4 = styryl, n=0, R1=H, A = triflouromethyl-benzylamino, A' = t-butyloxy, R3 = choice 1 with R10 as phenyl. The utility is the same. The claim 28 synthesis appear in the scheme on page 38. The sole difference is that applicants have an extra methyl group, R2 = methyl. Compounds that differ only by the presence or absence of an extra methyl group are homologues. Homologues are of such close structural similarity that the disclosure of a compound renders *prima facie* obvious its homologue. See also MPEP 2144.09, second paragraph. The method claim 27 is included because there is no way of knowing which diseases are coved by the claim language.

Claims 1-25, 27-28 lack an inventive step under PCT Article 33(3) as being obvious over WO 03/031407. See Formula I on pages 2-3 and in particular, Formula III on page 16, and the species of Tables 1-15. These include mono-substituted amino choices (e.g. Table 2, next to last species) and disubstituted amino, e.g. Table 1, species 3. See also Scheme I on page 26 for the synthesis. The sole difference is that applicants have an extra methyl group, R2 = methyl. Compounds that differ only by the presence or absence of an extra methyl group are homologues. Homologues are of such close structural similarity that the disclosure of a compound renders prima facie obvious its homologue. See also MPEP 2144.09, second paragraph.

The traverse is unpersuasive of these two rejections. Applicants argue that sticking on a methyl groups is not a homolog. There is no legal basis for such an assertion. First, homologs, the replacement of a H attached to a C with a methyl group, have long been accepted as evidence of close structural similarity in many, many cases. Applicants quote MPEP 2144.09 as saying "e.g., by -CH2- groups." First, the "e.g." indicates that this is just an example. And second, insertion of -CH2- into the preexisting C-H bond at the 3-position of the azetidinone ring with give this group. Applicants then discuss "isomers" but this is not an isomer situation and cite *Grabiak*, but that was O vs. S, again, not this situation. Applicants argue that adding the methyl provides "more steric hindrance" but that is true in all cases of homology, e.g. going from methyl to ethyl also provides more steric hindrance. Likewise, applicants argue that the methyl is not electronically equivalent to H. However, ethyl is not electronically equivalent to methyl either.

Claims 1-28 meet the criteria set out in PCT Article 33(4), and thus have industrial applicability because the subject matter claimed can be made or used in industry.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/US04/32401

Box No. VIII	Certain	observations	on the	international	application
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The following observations on the claims of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

Claim 27 is objected to under PCT Rule 66.2(a)(v) as lacking clarity under PCT Article 6 because claim 27 is indefinite for the following reason(s): There is no way of knowing what the scope of this claim is. The V1a receptor is widely distributed in the body and appears in such diverse places as vascular smooth muscle, myometrium, the bladder, blood platelets, brain (in the prefrontal, cingulate, pyriform, and entorhinal cortex, as well as the presubiculum and mamillary bodies), kidney, reproductive organs, etc. It stimulates phospholipase A2, phospholipase C, and phospholipase D, PKC, PI3-induced Ca2+ release from the endoplasmic reticulum, can cuppress cAMP and has many other effects as well.

Claim 27 objected to as lacking clarity under PCT Rule 66.2(a)(v) because of the claim 27 not fully supported by the description. The description does not disclose the claimed invention in a manner sufficiently clear and complete for the claimed invention to be carried out by a person skilled in the art because: As noted above, this could have a staggering range of diseases being treated. No one compound — let alone a genus of billions, can do such a thing.

Form PCT/IPEA/409 (Box No. VIII) (April 2005)

PCT/USD4/22461.02083405

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IAP9 Rec'd PCT/PTO 28 MAR 2006

WHAT IS CLAIMED IS:

1. A compound of the formula

wherein:

n is an integer selected from 0, 1, and 2;

A is R⁵O-, XNH-, or R¹⁴XN-;

A' is R5'O-, X'NH-, or R14'X'N-;

R¹ is hydrogen or C₁-C₆ alkyl;

 R^2 is C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_4 alkoxy, C_1 - C_4 alkylthio, halo, haloalkyl, cyano, formyl, alkylcarbonyl, alkoxycarbonyl, or a substituent selected from the group consisting of $-CO_2R^8$, $-CONR^8R^8$, and $-NR^8(COR^9)$;

R³ is a structure selected from the group consisting of

 R^4 is C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_3 - C_8 cycloalkyl, C_3 - C_9 cycloalkenyl, C_1 - C_3 alkylcarbonyl, optionally substituted aryl, optionally substituted aryl(C_1 - C_4 alkyl), optionally substituted aryl(C_2 - C_4 alkenyl), or optionally substituted aryl(C_2 - C_4 alkynyl);

 R^5 is selected from the group consisting of hydrogen, C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, $(C_1$ - C_4 alkoxy)- $(C_1$ - C_4 alkyl), optionally substituted aryl $(C_1$ - C_4 alkyl), Y-, Y- $(C_1$ - C_4 alkyl), and R^6R^7N - $(C_2$ - C_4 alkyl);

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PEAUSR is selected from the group consisting of hydrogen, C₁-C₆ alkyl, C₃-C₈ cycloalkyl, (C₁-C₄ alkoxy)-(C₁-C₄ alkyl), optionally substituted aryl(C₁-C₄ alkyl), Y'-, Y'- $(C_1-C_4 \text{ alkyl})$, and $R^6R^7N-(C_2-C_4 \text{ alkyl})$;

Y and Y' are each independently selected from the group consisting of tetrahydrofuryl, morpholinyl, pyrrolidinyl, piperidinyl, piperazinyl, homopiperazinyl, and quinuclidinyl; where said morpholinyl, pyrrolidinyl, piperidinyl, piperazinyl, homopiperazinyl, or quinuclidinyl is optionally N-substituted with C₁-C₄ alkyl or optionally substituted aryl(C₁-C₄ alkyl);

X is selected from the group consisting of C₁-C₆ alkyl, C₃-C₈ cycloalkyl, (C₁- C_4 alkyl), optionally substituted aryl, optionally substituted aryl(C_1 - C_4 alkyl), optionally substituted aryl(C₃-C₇ cycloalkyl), optionally substituted indan-1-yl, optionally substituted indan-2-yl, optionally substituted 1,2,3,4-tetrahydronaphth-1-yl, optionally substituted 1,2,3,4-tetrahydronaphth-2-yl, Y, Y-(C₁-C₄ alkyl), R⁶R⁷N-, and R⁶R⁷N-(C₂-C₄ alkyl);

R¹⁴ is selected from the group consisting of hydroxy, C₁-C₆ alkyl, C₁-C₄ alkoxycarbonyl, and benzyl; or

R¹⁴ and X are taken together with the attached nitrogen atom to form an optionally substituted first heterocycle, where said first heterocycle is selected from the group consisting of pyrrolidinyl, piperidinyl, piperazinyl, homopiperazinyl, pyrrolidinonyl, piperidinonyl, 2-(pyrrolidin-1-ylmethyl)pyrrolidin-1-yl, and 1,2,3,4-tetrahydroisoquinolin-2yl;

X' is selected from the group consisting of C₁-C₆ alkyl, C₃-C₈ cycloalkyl, (C₁- C_4 alkoxy)- $(C_1$ - C_4 alkyl), optionally substituted aryl, optionally substituted aryl $(C_1$ - C_4 alkyl), optionally substituted aryl(C3-C7 cycloalkyl), optionally substituted indan-1-yl, optionally substituted indan-2-yl, optionally substituted 1,2,3,4-tetrahydronaphth-1-yl, optionally substituted 1,2,3,4-tetrahydronaphth-2-yl, Y', Y'-(C₁-C₄ alkyl), R⁶'R⁷'N-, and R⁶'R⁷'N-(C₂-C₄ alkyl);

R^{14'} is selected from the group consisting of hydroxy, C₁-C₆ alkyl, C₁-C₄ alkoxycarbonyl, and benzyl; or

R^{14'} and X' are taken together with the attached nitrogen atom to form an optionally substituted second heterocycle, where said second heterocycle is selected from the group consisting of pyrrolidinyl, piperidinyl, piperazinyl, homopiperazinyl,

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pyrrolidinonyl, piperidinonyl, 2-(pyrrolidin-1-ylmethyl)pyrrolidin-1-yl, and 1,2,3,4-tetrahydroisoquinolin-2-yl;

 R^6 is hydrogen or C_1 - C_6 alkyl; and R^7 is C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, optionally substituted aryl, or optionally substituted aryl(C_1 - C_4 alkyl); or

R⁶ and R⁷ are taken together with the attached nitrogen atom to form an heterocycle selected from the group consisting of pyrrolidinyl, piperidinyl, morpholinyl, piperazinyl, and homopiperazinyl; where said piperazinyl or homopiperazinyl is optionally N-substitued with R¹³;

 $R^{6'}$ is hydrogen or C_1 - C_6 alkyl; and $R^{7'}$ is C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, optionally substituted aryl, or optionally substituted aryl(C_1 - C_4 alkyl); or

R^{6'} and R^{7'} are taken together with the attached nitrogen atom to form an heterocycle selected from the group consisting of pyrrolidinyl, piperidinyl, morpholinyl, piperazinyl, and homopiperazinyl; where said piperazinyl or homopiperazinyl is optionally N-substituted with R^{13'};

R⁸ and R⁸ are each independently selected from the group consisting of hydrogen, C₁-C₆ alkyl, C₃-C₈ cycloalkyl, optionally substituted aryl, and optionally substituted aryl(C₁-C₄ alkyl); or

R⁸ and R^{8'} are taken together with the attached nitrogen atom to form an heterocycle selected from the group consisting of optionally substituted pyrrolidinyl, piperidinyl, morpholinyl, piperazinyl, and homopiperazinyl;

 R^9 is selected from the group consisting of hydrogen, C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, $(C_1$ - C_4 alkoxy)- $(C_1$ - C_4 alkyl), optionally substituted aryl, optionally substituted aryl $(C_1$ - C_4 alkyl), optionally substituted heteroaryl, optionally substituted heteroaryl $(C_1$ - C_4 alkyl), and R^8R^8 'N- $(C_1$ - C_4 alkyl);

 R^{10} and R^{11} are each independently selected from the group consisting of hydrogen, optionally substituted C_1 - C_6 alkyl, optionally substituted C_3 - C_8 cycloalkyl, C_1 - C_4 alkoxycarbonyl, C_1 - C_5 alkylcarbonyloxy, optionally substituted aryl, optionally substituted aryl(C_1 - C_4 alkyl), optionally substituted aryl(C_1 - C_4 alkylcarbonyloxy), diphenylmethoxy, and triphenylmethoxy;

R¹², R¹³, and R¹³ are each independently selected from the group consisting of hydrogen, C₁-C₆ alkyl, C₃-C₈ cycloalkyl, C₁-C₄ alkoxycarbonyl, optionally substituted

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aryloxycarbonyl, optionally substituted aryl(C₁-C₄ alkyl), and optionally substituted aryloyl; and

hydrates, solvates, and pharmaceutically acceptable salts thereof.

- 2. The compound of claim 1, wherein A is XNH-.
- 3. The compound of claim 1, wherein A is R¹⁴XN-.
- 4. The compound of claim 3, wherein R^{14} is selected from the group consisting of hydroxy, C_1 - C_6 alkyl, C_1 - C_4 alkoxycarbonyl, and benzyl; and where X is selected from the group consisting of C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, $(C_1$ - C_4 alkoxy)- $(C_1$ - C_4 alkyl), optionally substituted aryl, optionally substituted aryl(C_1 - C_4 alkyl), optionally substituted indan-1-yl, optionally substituted indan-2-yl, optionally substituted 1,2,3,4-tetrahydronaphth-1-yl, optionally substituted 1,2,3,4-tetrahydronaphth-2-yl, Y, Y- $(C_1$ - C_4 alkyl), R^6R^7N -, and R^6R^7N - $(C_2$ - C_4 alkyl).
- 5. The compound of claim 3, wherein R¹⁴ and X are taken together with the attached nitrogen atom to form an optionally substituted first heterocycle.
- 6. The compound of claim 3, wherein R¹⁴ and X are taken together with the attached nitrogen atom to form an optionally substituted first heterocycle substituted with a substituent selected from the group consisting of optionally substituted C₁-C₆ alkyl, optionally substituted C₃-C₈ cycloalkyl, C₁-C₄ alkoxycarbonyl, C₁-C₅ alkylcarbonyloxy, optionally substituted aryl, optionally substituted aryl(C₁-C₄ alkyl), optionally substituted aryl(C₁-C₄ alkyloxy), optionally substituted aryl(C₁-C₄ alkylcarbonyloxy), R⁶R⁷N-, and R⁶R⁷N-(C₁-C₄ alkyl).
- 7. The compound of claim 3, wherein R^{14} and X are taken together with the attached nitrogen atom to form a piperidinyl optionally substituted at the 4-position with hydroxy, C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, C_1 - C_4 alkoxy, $(C_1$ - C_4 alkoxy)carbonyl, (hydroxy(C_2 - C_4 alkyloxy))-(C_2 - C_4 alkyl), R^6R^7N -, R^6R^7N -(C_1 - C_4 alkyl), diphenylmethyl, optionally substituted aryl, optionally substituted aryl(C_1 - C_4 alkyl), or piperidin-1-yl(C_1 - C_4 alkyl).
- 8. The compound of claim 3, wherein R^{14} and X are taken together with the attached nitrogen atom to form a piperazinyl optionally substituted at the 4-position with C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, optionally substituted aryl, optionally substituted aryl(C_1 - C_4 alkyl), α -methylbenzyl, N-(C_1 - C_5 alkyl) acetamid-2-yl, N-(C_3 - C_8 cycloalkyl) acetamid-2-yl, R^6R^7 N-, or (C_1 - C_4 alkoxy)carbonyl.

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- 9. The compound of claim 3, wherein R^{14} and X are taken together with the attached nitrogen atom to form a homopiperazinyl optionally substituted in the 4-position with C_1 - C_4 alkyl, aryl, \overline{o} aryl(C_1 - C_4 alkyl).
 - 10. The compound of claim 1, wherein A' is XNH-.
 - 11. The compound of claim 1, wherein A' is R¹⁴XN-.
- 12. The compound of claim 11, wherein $R^{14'}$ is selected from the group consisting of hydroxy, C_1 - C_6 alkyl, C_1 - C_4 alkoxycarbonyl, and benzyl; and where X' is selected from the group consisting of C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, $(C_1$ - C_4 alkoxy)- $(C_1$ - C_4 alkyl), optionally substituted aryl, optionally substituted aryl(C_1 - C_4 alkyl), optionally substituted indan-1-yl, optionally substituted indan-2-yl, optionally substituted 1,2,3,4-tetrahydronaphth-1-yl, optionally substituted 1,2,3,4-tetrahydronaphth-1-yl, optionally substituted 1,2,3,4-tetrahydronaphth-2-yl, Y', Y'- $(C_1$ - C_4 alkyl), R^6 ' R^7 'N-, and R^6 ' R^7 'N- $(C_2$ - C_4 alkyl).
- 13. The compound of claim 11, wherein R¹⁴ and X' are taken together with the attached nitrogen atom to form an optionally substituted second heterocycle.
- 14. The compound of claim 11, wherein R^{14'} and X' are taken together with the attached nitrogen atom to form an optionally substituted second heterocycle substituted with a substituent selected from the group consisting of optionally substituted C₁-C₆ alkyl, optionally substituted C₃-C₈ cycloalkyl, C₁-C₄ alkoxycarbonyl, C₁-C₅ alkylcarbonyloxy, optionally substituted aryl, optionally substituted aryl(C₁-C₄ alkyl), optionally substituted aryl(C₁-C₄ alkyl), alkylcarbonyloxy), R⁶'R⁷'N-, and R⁶'R⁷'N-(C₁-C₄ alkyl).
- 15. The compound of claim 11, wherein R^{14'} and X' are taken together with the attached nitrogen atom to form a piperidinyl optionally substituted at the 4-position with hydroxy, C₁-C₆ alkyl, C₃-C₈ cycloalkyl, C₁-C₄ alkoxy, (C₁-C₄ alkoxy)carbonyl, (hydroxy(C₂-C₄ alkyloxy))-(C₂-C₄ alkyl), R^{6'}R^{7'}N-, R^{6'}R^{7'}N-(C₁-C₄ alkyl), diphenylmethyl, optionally substituted aryl, optionally substituted aryl(C₁-C₄ alkyl), or piperidin-1-yl(C₁-C₄ alkyl).
- 16. The compound of claim 11, wherein $R^{14'}$ and X' are taken together with the attached nitrogen atom to form a piperazinyl optionally substituted at the 4-position with C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, optionally substituted aryl, optionally substituted aryl(C_1 - C_4 alkyl), α -methylbenzyl, N-(C_1 - C_5 alkyl) acetamid-2-yl, N-(C_3 - C_8 cycloalkyl) acetamid-2-yl, R^6 ' R^7 'N-, or (C_1 - C_4 alkoxy)carbonyl.

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- 17. The compound of claim 11, wherein $R^{14'}$ and X' are taken together with the attached nitrogen atom to form a homopiperazinyl optionally substituted in the 4-position with C_1 - C_4 alkyl, aryl, or aryl(C_1 - C_4 alkyl).
- 18. The compound of claim 1, wherein R³ is a structure selected from the group consisting of

19. The compound of claim 1, wherein R^3 is

- 20. The compound of claim 1, wherein R^4 is optionally substituted aryl(C_1 - C_4 alkyl), optionally substituted aryl(C_2 - C_4 alkenyl), or optionally substituted aryl(C_2 - C_4 alkynyl).
- The compound of claim 1, wherein R^4 is optionally substituted aryl(C_2 - C_4 alkenyl).
 - 22. The compound of claim 1, wherein R³ is

R¹⁰ is optionally substituted phenyl.

23. The compound of claim 18, wherein A is XNH-, where X is optionally substituted aryl(C_1 - C_4 alkyl).

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- The compound of claim 18, wherein A' is R¹⁴'X'N-, where R¹⁴' and X' 24. are taken together with the attached nitrogen atom to form an optionally substituted second heterocycle, said optionally second heterocycle selected from the group consisting of piperidinyl and piperazinyl.
- A pharmaceutical composition comprising the compound of any of the 25. preceding claims, where the compound is present in a pharmaceutically effective amount for treating a disease state responsive to antagonism of a vasopressin V_{la} receptor in a mammal in need of such treatment; and a pharmaceutically acceptable carrier, diluent, or excipient.
 - A process for preparing a compound of the formula: 26.

wherein R¹, R², R⁴, n, A, and A' are as defined in claim 1, and R¹⁰ is optionally substituted aryl, the process comprising the step of reacting a compound of the formula:

with a compound of the formula:

A method for treating a disease state responsive to antagonism of a 27. vasopressin V_{1a} receptor in a mammal in need of such treatment, the method comprising the step of administering to the mammal a pharmaceutically effective amount of the compound of any one of claims 1-24.

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28. The method of claim 27, wherein the compound is included in a pharmaceutical composition comprising the compound and a pharmaceutically acceptable carrier, diluent, or excipient.

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